



July 2009

**DEPARTMENT OF EDUCATION**  
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 5

Test Date: March 2009  
Code: 12891843  
SAU: Deer Isle-Stonington CSD  
School: Deer Isle-Stonington Elementar

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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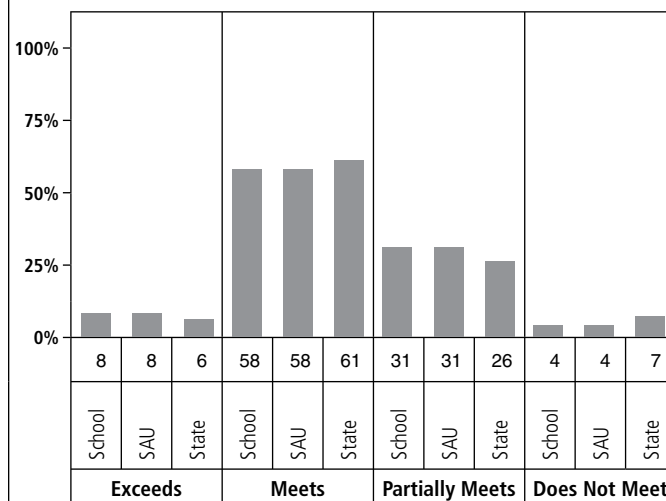
# SUMMARY OF SCORES

Test Date: March 2009  
 Grade: 5  
 SAU: Deer Isle-Stonington CSD  
 School: Deer Isle-Stonington Elementary

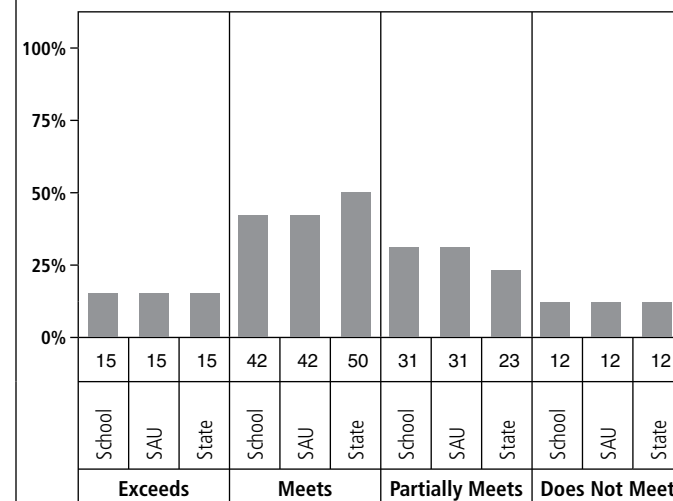
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2006–2007	541	541	544
2007–2008	540	540	545
<b>2008–2009</b>	<b>546</b>	<b>546</b>	<b>546</b>
Cum. Avg.*	542	542	545
<b>Mathematics</b>			
2006–2007	543	543	546
2007–2008	540	540	546
<b>2008–2009</b>	<b>547</b>	<b>547</b>	<b>547</b>
Cum. Avg.*	544	544	546
<b>Science</b>			
<b>2008–2009 **</b>	<b>545</b>	<b>545</b>	<b>543</b>

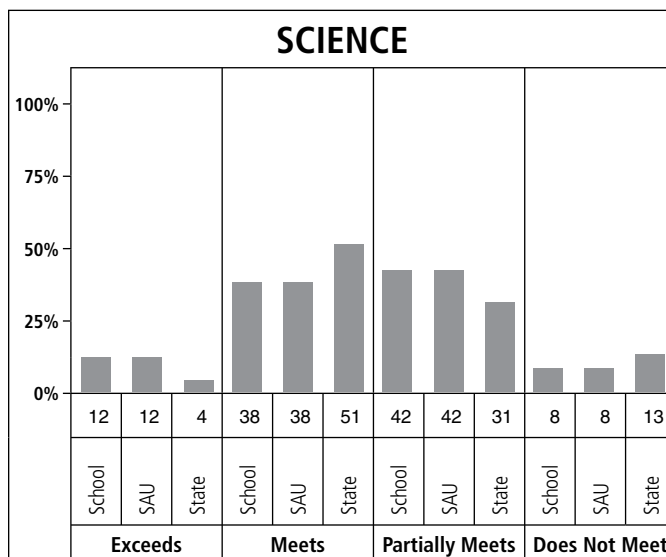
### ELA – READING



### MATHEMATICS



### SCIENCE



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

\*\*Because science testing moved from grade 4 to grade 5 in March 2009, science standards were reset and therefore no historical data are available.

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009  
Grade: 5  
SAU: Deer Isle-Stonington CSD  
School: Deer Isle-Stonington Elementar

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																	
	School		SAU		State		ELA-Reading						Mathematics						Science					
	n		n		n		n		n		n		n		n		n		n		n		n	
	%		%		%		%		%		%		%		%		%		%		%		%	
<b>Total number of students</b>	27	100	27	100	14212	100	26	96	26	96	14135	100	26	96	26	96	14144	100	26	96	26	96	14137	100
<b>Ethnicity</b> African American/Black	0	0	0	0	397	3	0	0	0	0	388	98	0	0	0	0	393	99	0	0	0	0	389	98
American Indian or Native Alaskan	0	0	0	0	110	1	0	0	0	0	110	100	0	0	0	0	110	100	0	0	0	0	110	100
Asian or Pacific Islander	1	4	1	4	259	2	1	100	1	100	253	98	1	100	1	100	258	100	1	100	1	100	257	99
Hispanic	0	0	0	0	175	1	0	0	0	0	172	99	0	0	0	0	172	99	0	0	0	0	173	99
Caucasian/White	26	96	26	96	13271	93	25	96	25	96	13212	100	25	96	25	96	13211	100	25	96	25	96	13208	100
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Identified disability</b>	5	19	5	19	2479	17	5	100	5	100	2454	100	5	100	5	100	2455	100	5	100	5	100	2451	99
<b>Current LEP</b>	1	4	1	4	374	3	1	100	1	100	359	96	1	100	1	100	370	99	1	100	1	100	366	98
<b>Economically disadvantaged</b>	10	37	10	37	5848	41	9	90	9	90	5815	100	9	90	9	90	5819	100	9	90	9	90	5812	100
<b>Migrant</b>	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100	0	0	0	0	8	100

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n		n		n		n		n		n		n		n		n	
	%		%		%		%		%		%		%		%		%	
<b>Participation without accommodations</b>	19	70	19	70	10849	76	19	70	19	70	10872	76	19	70	19	70	10976	77
Identified disability (PET/IEP)	0	0	0	0	298	3	0	0	0	0	307	3	0	0	0	0	338	3
LEP	1	5	1	5	170	2	1	5	1	5	169	2	1	5	1	5	177	2
504 plan	0	0	0	0	123	1	0	0	0	0	121	1	0	0	0	0	126	1
<b>Participation with accommodations</b>	7	26	7	26	3122	22	7	26	7	26	3124	22	7	26	7	26	3019	21
Identified disability (PET/IEP)	5	71	5	71	1992	64	5	71	5	71	2000	64	5	71	5	71	1971	65
LEP	0	0	0	0	184	6	0	0	0	0	196	6	0	0	0	0	184	6
504 plan	0	0	0	0	84	3	0	0	0	0	86	3	0	0	0	0	81	3
Other	2	29	2	29	907	29	2	29	2	29	886	28	2	29	2	29	826	27
<b>Participation through alternate assessment (PAAP)</b>	0	0	0	0	164	1	0	0	0	0	148	1	0	0	0	0	142	1
Identified disability (PET/IEP)	0	0	0	0	164	100	0	0	0	0	148	100	0	0	0	0	142	100
LEP	0	0	0	0	5	3	0	0	0	0	5	3	0	0	0	0	5	4
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	0	0												
<b>Approved non-participation – special consideration</b>	0	0	0	0	19	0	0	0	0	0	19	0	0	0	0	0	20	0
<b>Non-participation – other</b>	1	4	1	4	58	0	1	4	1	4	49	0	1	4	1	4	55	0

<sup>1</sup>Percents are the percentage of students enrolled in each participation category.

<sup>2</sup>Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>3</sup>Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2009  
Grade: 5  
SAU: Deer Isle-Stonington CSD  
School: Deer Isle-Stonington Elementar

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 562–580)	2006-2007	0	0	0	0	702	5
	2007-2008	0	0	0	0	659	5
	<b>2008-2009</b>	<b>2</b>	<b>8</b>	<b>2</b>	<b>8</b>	<b>836</b>	<b>6</b>
	Cum. Total*	2	3	2	3	2197	5
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 542–560)	2006-2007	13	42	13	42	7730	55
	2007-2008	7	35	7	35	8195	58
	<b>2008-2009</b>	<b>15</b>	<b>58</b>	<b>15</b>	<b>58</b>	<b>8495</b>	<b>61</b>
	Cum. Total*	35	45	35	45	24420	58
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 532–540)	2006-2007	15	48	15	48	4182	30
	2007-2008	9	45	9	45	3800	27
	<b>2008-2009</b>	<b>8</b>	<b>31</b>	<b>8</b>	<b>31</b>	<b>3667</b>	<b>26</b>
	Cum. Total*	32	42	32	42	11649	28
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 500–530)	2006-2007	3	10	3	10	1419	10
	2007-2008	4	20	4	20	1362	10
	<b>2008-2009</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>4</b>	<b>973</b>	<b>7</b>
	Cum. Total*	8	10	8	10	3754	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	48	100	31.0	64.6	31.0	64.6	30.8	64.2
A1/A2 Interconnected Elements/Literary Text	24	50	15.6	65.0	15.6	65.0	15.0	62.5
A1/A3 Interconnected Elements/Informational Text	24	50	15.4	64.2	15.4	64.2	15.8	65.8

The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:  
<http://www.maine.gov/education/lres/pei/index.html>.



# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 5  
 SAU: Deer Isle-Stonington CSD  
 School: Deer Isle-Stonington Elementar

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	26	2	8	15	58	8	31	1	4	546	26	8	58	31	4	546	13971	6	61	26	7	546
Ethnicity																						
African American/Black	0										0						381	2	44	31	23	540
American Indian or Native Alaskan	0										0						110	0	48	38	14	541
Asian or Pacific Islander	1										1						252	11	58	21	11	547
Hispanic	0										0						166	4	54	32	10	543
Caucasian/White	25	2	8	15	60	8	32	0	0	547	25	8	60	32	0	547	13062	6	62	26	6	546
Not Reported	0										0						0					
Identified disability																						
Yes	5	0	0	2	40	3	60	0	0	541	5	0	40	60	0	541	2290	0	29	47	23	537
No	21	2	10	13	62	5	24	1	5	548	21	10	62	24	5	548	11681	7	67	22	4	548
Current LEP																						
Yes	1										1						354	1	35	34	30	538
No	25	2	8	15	60	8	32	0	0	547	25	8	60	32	0	547	13617	6	61	26	6	546
Economically disadvantaged																						
Yes	9	0	0	4	44	5	56	0	0	541	9	0	44	56	0	541	5716	2	51	35	12	542
No	17	2	12	11	65	3	18	1	6	549	17	12	65	18	6	549	8255	9	67	20	4	548
Migrant																						
Yes	0										0						8	0	38	25	38	538
No	26	2	8	15	58	8	31	1	4	546	26	8	58	31	4	546	13963	6	61	26	7	546
Gender																						
Female	16	2	13	10	63	4	25	0	0	550	16	13	63	25	0	550	6882	8	62	24	6	547
Male	10	0	0	5	50	4	40	1	10	542	10	0	50	40	10	542	7089	4	60	28	8	545
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1914	1	41	44	14	540
No	26	2	8	15	58	8	31	1	4	546	26	8	58	31	4	546	12057	7	64	23	6	547
Gifted/talented program																						
Yes	0										0						450	26	72	2	0	557
No	26	2	8	15	58	8	31	1	4	546	26	8	58	31	4	546	13521	5	60	27	7	545

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA-READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 5  
SAU: Deer Isle-Stonington CSD  
School: Deer Isle-Stonington Elementary

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N													
How much homework do you do on school nights?																						
A. none	8	0	0	1	50	1	50	0	0	547	8	0	50	50	0	547	4	2	40	34	24	540
B. less than one hour	64	1	6	9	56	5	31	1	6	545	64	6	56	31	6	545	70	6	63	26	6	546
C. one to two hours	24	1	17	3	50	2	33	0	0	550	24	17	50	33	0	550	24	7	61	26	6	546
D. more than two hours	4	0	0	1	100	0	0	0	0	546	4	0	100	0	0	546	2	4	42	33	21	541
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	44	1	9	6	55	4	36	0	0	546	44	9	55	36	0	546	36	10	67	18	5	549
B. good	36	1	11	6	67	1	11	1	11	548	36	11	67	11	11	548	47	5	62	27	6	546
C. fair	16	0	0	2	50	2	50	0	0	546	16	0	50	50	0	546	15	2	47	40	12	541
D. poor	4	0	0	0	0	1	100	0	0	536	4	0	0	100	0	536	2	0	30	46	24	537
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	32	0	0	5	63	3	38	0	0	544	32	0	63	38	0	544	31	9	65	20	5	548
B. They match some of what I have learned.	48	2	17	5	42	4	33	1	8	547	48	17	42	33	8	547	55	5	63	27	5	546
C. They match just a little of what I have learned.	20	0	0	4	80	1	20	0	0	548	20	0	80	20	0	548	10	3	45	38	14	542
D. There is no match.	0										0						3	1	31	41	27	537
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	36	1	11	6	67	2	22	0	0	551	36	11	67	22	0	551	16	3	49	32	15	542
B. about the same as my regular schoolwork	56	1	7	7	50	5	36	1	7	543	56	7	50	36	7	543	64	7	63	25	5	547
C. easier than my regular schoolwork	8	0	0	1	50	1	50	0	0	544	8	0	50	50	0	544	20	5	62	26	7	546
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	8	0	0	1	50	1	50	0	0	543	8	0	50	50	0	543	10	1	33	42	24	538
B. Most of the passages were about the same as what I normally read.	52	0	0	7	54	5	38	1	8	542	52	0	54	38	8	542	52	4	61	29	6	545
C. Most of the passages were easier than what I normally read.	40	2	20	6	60	2	20	0	0	553	40	20	60	20	0	553	38	10	68	18	4	549
How much time do you spend reading at home each day?																						
A. more than one hour	20	2	40	3	60	0	0	0	0	557	20	40	60	0	0	557	20	10	64	21	5	548
B. 20 minutes to an hour	44	0	0	7	64	4	36	0	0	544	44	0	64	36	0	544	56	7	65	24	5	547
C. less than 20 minutes	4	0	0	0	0	0	0	1	100	530	4	0	0	0	100	530	10	3	52	33	12	543
D. I rarely read at home.	32	0	0	4	50	4	50	0	0	544	32	0	50	50	0	544	14	1	46	38	14	541
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	22	0	0	4	80	1	20	0	0	549	22	0	80	20	0	549	25	3	53	33	11	543
B. six to ten pages	30	0	0	5	71	2	29	0	0	547	30	0	71	29	0	547	26	6	61	26	7	546
C. eleven or more pages	48	2	18	5	45	3	27	1	9	546	48	18	45	27	9	546	49	8	65	23	5	547
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

# MATHEMATICS RESULTS

Test Date: March 2009  
Grade: 5  
SAU: Deer Isle-Stonington CSD  
School: Deer Isle-Stonington Elementar

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 562–580)	2006-2007	2	6	2	6	1711	12
	2007-2008	1	5	1	5	1617	12
	<b>2008-2009</b>	<b>4</b>	<b>15</b>	<b>4</b>	<b>15</b>	<b>2119</b>	<b>15</b>
	Cum. Total*	7	9	7	9	5447	13
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 542–560)	2006-2007	18	58	18	58	6778	48
	2007-2008	11	55	11	55	7284	52
	<b>2008-2009</b>	<b>11</b>	<b>42</b>	<b>11</b>	<b>42</b>	<b>7046</b>	<b>50</b>
	Cum. Total*	40	52	40	52	21108	50
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 530–540)	2006-2007	4	13	4	13	3884	28
	2007-2008	3	15	3	15	3341	24
	<b>2008-2009</b>	<b>8</b>	<b>31</b>	<b>8</b>	<b>31</b>	<b>3193</b>	<b>23</b>
	Cum. Total*	15	19	15	19	10418	25
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 500–528)	2006-2007	7	23	7	23	1683	12
	2007-2008	5	25	5	25	1778	13
	<b>2008-2009</b>	<b>3</b>	<b>12</b>	<b>3</b>	<b>12</b>	<b>1638</b>	<b>12</b>
	Cum. Total*	15	19	15	19	5099	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Mathematics Total Points</b>	<b>48</b>	<b>100</b>	25.4	52.9	25.4	52.9	25.5	53.1
<b>A. Number</b>	<b>18</b>	<b>38</b>	9.9	55.0	9.9	55.0	9.8	54.4
<b>B. Data</b>	<b>10</b>	<b>21</b>	5.5	55.0	5.5	55.0	5.2	52.0
<b>C. Geometry</b>	<b>10</b>	<b>21</b>	4.5	45.0	4.5	45.0	4.7	47.0
<b>D. Algebra</b>	<b>10</b>	<b>21</b>	5.5	55.0	5.5	55.0	5.7	57.0

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 5  
 SAU: Deer Isle-Stonington CSD  
 School: Deer Isle-Stonington Elementary

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	26	4	15	11	42	8	31	3	12	547	26	15	42	31	12	547	13996	15	50	23	12	547
<b>Ethnicity</b>																						
African American/Black	0										0						385	6	35	28	30	537
American Indian or Native Alaskan	0										0						110	5	42	34	20	540
Asian or Pacific Islander	1										1						257	19	50	20	12	548
Hispanic	0										0						166	9	43	31	17	543
Caucasian/White	25	4	16	10	40	8	32	3	12	547	25	16	40	32	12	547	13078	15	51	23	11	547
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	5	0	0	1	20	2	40	2	40	534	5	0	20	40	40	534	2307	3	32	32	33	536
No	21	4	19	10	48	6	29	1	5	550	21	19	48	29	5	550	11689	17	54	21	8	549
<b>Current LEP</b>																						
Yes	1										1						365	5	33	30	32	536
No	25	4	16	10	40	8	32	3	12	547	25	16	40	32	12	547	13631	15	51	23	11	547
<b>Economically disadvantaged</b>																						
Yes	9	1	11	1	11	6	67	1	11	540	9	11	11	67	11	540	5731	7	46	29	18	542
No	17	3	18	10	59	2	12	2	12	551	17	18	59	12	12	551	8265	21	53	19	7	550
<b>Migrant</b>																						
Yes	0										0						8	0	38	50	13	540
No	26	4	15	11	42	8	31	3	12	547	26	15	42	31	12	547	13988	15	50	23	12	547
<b>Gender</b>																						
Female	16	2	13	8	50	5	31	1	6	548	16	13	50	31	6	548	6889	14	51	23	12	546
Male	10	2	20	3	30	3	30	2	20	545	10	20	30	30	20	545	7107	16	50	23	11	547
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						1918	3	39	36	22	539
No	26	4	15	11	42	8	31	3	12	547	26	15	42	31	12	547	12078	17	52	21	10	548
<b>Gifted/talented program</b>																						
Yes	0										0						450	64	34	2	0	564
No	26	4	15	11	42	8	31	3	12	547	26	15	42	31	12	547	13546	14	51	23	12	546

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
 Grade: 5  
 SAU: Deer Isle-Stonington CSD  
 School: Deer Isle-Stonington Elementary

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	8	0	0	1	50	0	0	1	50	536	8	0	50	0	50	536	4	8	38	26	28	539
B. less than one hour	64	3	19	5	31	7	44	1	6	547	64	19	31	44	6	547	70	15	52	23	10	547
C. one to two hours	24	1	17	3	50	1	17	1	17	547	24	17	50	17	17	547	24	15	51	23	11	547
D. more than two hours	4	0	0	1	100	0	0	0	0	554	4	0	100	0	0	554	2	9	37	24	30	539
<b>Which of the following best describes how you rate yourself as a student in mathematics?</b>																						
A. very good	36	1	11	5	56	1	11	2	22	545	36	11	56	11	22	545	34	28	50	14	8	552
B. good	32	2	25	3	38	3	38	0	0	551	32	25	38	38	0	551	45	11	54	24	10	546
C. fair	32	1	13	2	25	4	50	1	13	544	32	13	25	50	13	544	18	3	45	33	19	540
D. poor	0										0						3	1	29	41	29	535
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b>																						
A. The questions on the test match what I have learned in mathematics class.	36	1	11	5	56	2	22	1	11	547	36	11	56	22	11	547	38	22	52	19	7	550
B. They match some of what I have learned.	60	3	20	4	27	6	40	2	13	546	60	20	27	40	13	546	48	12	53	24	11	546
C. They match just a little of what I have learned.	4	0	0	1	100	0	0	0	0	554	4	0	100	0	0	554	11	6	40	30	24	540
D. There is no match.	0										0						3	6	26	29	38	534
<b>How difficult was the mathematics part of this test?</b>																						
A. more difficult than my regular schoolwork	21	1	20	0	0	2	40	2	40	538	21	20	0	40	40	538	17	7	42	30	21	540
B. about the same as my regular schoolwork	46	2	18	4	36	4	36	1	9	548	46	18	36	36	9	548	64	15	53	23	10	547
C. easier than my regular schoolwork	33	0	0	6	75	2	25	0	0	548	33	0	75	25	0	548	19	24	49	17	10	550
<b>On average, how many minutes a day do you spend working on mathematics in class?</b>																						
A. less than 30 minutes	4	0	0	1	100	0	0	0	0	548	4	0	100	0	0	548	7	6	39	27	27	539
B. 30–45 minutes	28	1	14	1	14	4	57	1	14	544	28	14	14	57	14	544	28	9	49	28	15	544
C. 45–60 minutes	56	3	21	7	50	3	21	1	7	549	56	21	50	21	7	549	41	17	53	21	9	548
D. more than 60 minutes	12	0	0	1	33	1	33	1	33	539	12	0	33	33	33	539	24	21	51	20	8	549
<b>How often do you use calculators in mathematics class?</b>																						
A. almost every day	8	0	0	0	0	0	0	2	100	523	8	0	0	0	100	523	6	14	43	24	20	543
B. two or three days a week	40	0	0	6	60	4	40	0	0	545	40	0	60	40	0	545	24	17	52	21	10	548
C. two or three times each month	40	4	40	3	30	3	30	0	0	556	40	40	30	30	0	556	33	17	52	21	9	548
D. never or almost never	12	0	0	1	33	1	33	1	33	538	12	0	33	33	33	538	38	12	49	25	14	545
<b>How often do you use hands-on materials in mathematics class?</b>																						
A. almost every day	28	1	14	2	29	3	43	1	14	546	28	14	29	43	14	546	23	13	47	26	15	545
B. two or three days a week	16	1	25	3	75	0	0	0	0	553	16	25	75	0	0	553	31	17	52	21	10	548
C. two or three times each month	36	1	11	4	44	3	33	1	11	546	36	11	44	33	11	546	27	17	52	21	10	548
D. never or almost never	20	1	20	1	20	2	40	1	20	543	20	20	20	40	20	543	20	12	50	24	14	545
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

# SCIENCE RESULTS

Test Date: March 2009  
Grade: 5  
SAU: Deer Isle-Stonington CSD  
School: Deer Isle-Stonington Elementar

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 562–580)	2008-2009*	3	12	3	12	626	4
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 542–560)	2008-2009*	10	38	10	38	7187	51
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 532–540)	2008-2009*	11	42	11	42	4364	31
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 500–530)	2008-2009*	2	8	2	8	1818	13

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Science Total Points</b>	48	100	29.9	62.3	29.9	62.3	29.2	60.8
<b>D. The Physical Setting</b>	24	50	13.4	55.8	13.4	55.8	12.9	53.8
<b>E. The Living Environment</b>	24	50	16.5	68.8	16.5	68.8	16.3	67.9

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting  
D1 - Universe and Solar System  
D2 - Earth  
D3 - Matter and Energy  
D4 - Force and Motion

Content Standard E. The Living Environment  
E1 - Biodiversity  
E2 - Ecosystems  
E3 - Cells  
E4 - Heredity and Reproduction  
E5 - Evolution

# SCIENCE RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 5  
 SAU: Deer Isle-Stonington CSD  
 School: Deer Isle-Stonington Elementary

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	26	3	12	10	38	11	42	2	8	545	26	12	38	42	8	545	13995	4	51	31	13	543
<b>Ethnicity</b>																						
African American/Black	0										0						382	2	31	32	35	535
American Indian or Native Alaskan	0										0						110	3	36	35	26	538
Asian or Pacific Islander	1										1						256	5	51	27	17	542
Hispanic	0										0						167	1	40	37	22	539
Caucasian/White	25	3	12	10	40	10	40	2	8	546	25	12	40	40	8	546	13080	5	52	31	12	544
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	5	1	20	0	0	4	80	0	0	542	5	20	0	80	0	542	2309	2	29	39	29	536
No	21	2	10	10	48	7	33	2	10	546	21	10	48	33	10	546	11686	5	56	30	10	545
<b>Current LEP</b>																						
Yes	1										1						361	1	23	32	44	533
No	25	3	12	10	40	10	40	2	8	546	25	12	40	40	8	546	13634	5	52	31	12	544
<b>Economically disadvantaged</b>																						
Yes	9	0	0	2	22	6	67	1	11	539	9	0	22	67	11	539	5729	2	42	37	20	539
No	17	3	18	8	47	5	29	1	6	549	17	18	47	29	6	549	8266	6	58	27	8	546
<b>Migrant</b>																						
Yes	0										0						8	0	25	13	63	530
No	26	3	12	10	38	11	42	2	8	545	26	12	38	42	8	545	13987	4	51	31	13	543
<b>Gender</b>																						
Female	16	2	13	7	44	6	38	1	6	546	16	13	44	38	6	546	6886	4	49	33	14	542
Male	10	1	10	3	30	5	50	1	10	543	10	10	30	50	10	543	7109	5	54	29	12	544
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						1917	1	31	41	28	536
No	26	3	12	10	38	11	42	2	8	545	26	12	38	42	8	545	12078	5	55	30	11	544
<b>Gifted/talented program</b>																						
Yes	0										0						450	25	72	2	1	557
No	26	3	12	10	38	11	42	2	8	545	26	12	38	42	8	545	13545	4	51	32	13	543

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# SCIENCE RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 5  
SAU: Deer Isle-Stonington CSD  
School: Deer Isle-Stonington Elementary

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	8	0	0	1	50	1	50	0	0	546	8	0	50	50	0	546	4	2	37	35	25	538
B. less than one hour	64	1	6	6	38	7	44	2	13	543	64	6	38	44	13	543	70	4	53	31	12	544
C. one to two hours	24	0	0	3	50	3	50	0	0	544	24	0	50	50	0	544	24	5	51	31	12	544
D. more than two hours	4	1	100	0	0	0	0	0	0	564	4	100	0	0	0	564	2	4	39	31	26	539
<b>Which of the following best describes how you rate yourself as a student in science?</b>																						
A. very good	36	2	22	5	56	2	22	0	0	554	36	22	56	22	0	554	26	7	56	26	11	545
B. good	44	0	0	4	36	5	45	2	18	540	44	0	36	45	18	540	53	4	53	31	11	544
C. fair	12	0	0	1	33	2	67	0	0	539	12	0	33	67	0	539	18	2	41	39	17	540
D. poor	8	0	0	0	0	2	100	0	0	534	8	0	0	100	0	534	3	1	33	36	30	536
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about science?</b>																						
A. The questions on the test match what I have learned in science class.	20	0	0	4	80	1	20	0	0	551	20	0	80	20	0	551	23	5	56	28	11	544
B. They match some of what I have learned.	28	1	14	3	43	2	29	1	14	547	28	14	43	29	14	547	48	5	52	31	12	544
C. They match just a little of what I have learned.	36	1	11	3	33	4	44	1	11	542	36	11	33	44	11	542	23	4	49	33	14	543
D. There is no match.	16	0	0	0	0	4	100	0	0	535	16	0	0	100	0	535	6	3	40	34	23	539
<b>How difficult was the science part of this test?</b>																						
A. more difficult than my regular schoolwork	16	0	0	1	25	3	75	0	0	537	16	0	25	75	0	537	23	5	48	31	16	543
B. about the same as my regular schoolwork	28	0	0	2	29	5	71	0	0	540	28	0	29	71	0	540	58	4	52	32	12	543
C. easier than my regular schoolwork	56	2	14	7	50	3	21	2	14	548	56	14	50	21	14	548	19	6	53	29	11	544
<b>How often do you have science classes?</b>																						
A. every day	24	0	0	3	50	1	17	2	33	539	24	0	50	17	33	539	33	5	51	31	14	543
B. a few times a week	56	1	7	5	36	8	57	0	0	544	56	7	36	57	0	544	45	4	52	32	11	544
C. once a week	4	0	0	1	100	0	0	0	0	560	4	0	100	0	0	560	8	4	50	30	16	542
D. a few times a month	16	1	25	1	25	2	50	0	0	551	16	25	25	50	0	551	15	4	52	30	14	543
<b>Which statement best describes how you learn science?</b>																						
A. I mostly read a textbook and answer questions, and/or take notes and do assignments. I use science kits for demonstrations and experiments.	48	1	8	4	33	6	50	1	8	543	48	8	33	50	8	543	30	3	48	35	14	542
B. I work in groups to design and conduct experiments.	12	0	0	1	33	2	67	0	0	539	12	0	33	67	0	539	23	2	43	37	18	540
C. I do a combination of A and B, mostly A.	24	1	17	2	33	2	33	1	17	546	24	17	33	33	17	546	27	6	58	26	9	546
D. I do a combination of A and B, mostly B.	16	0	0	3	75	1	25	0	0	550	16	0	75	25	0	550	21	6	58	27	10	545
<b>How often do you make observations and collect data in science class?</b>																						
A. a few times a week	68	0	0	8	47	7	41	2	12	542	68	0	47	41	12	542	47	4	51	32	12	543
B. a few times a month	16	1	25	2	50	1	25	0	0	551	16	25	50	25	0	551	27	5	54	30	11	544
C. once a month	12	0	0	0	0	3	100	0	0	536	12	0	0	100	0	536	10	5	49	30	15	543
D. never or almost never	4	1	100	0	0	0	0	0	0	580	4	100	0	0	0	580	15	3	48	32	16	542
<b>How often do you use observations and data to support your idea about science?</b>																						
A. a few times a week	60	1	7	7	47	7	47	0	0	547	60	7	47	47	0	547	46	4	52	32	12	543
B. a few times a month	16	0	0	1	25	2	50	1	25	539	16	0	25	50	25	539	28	5	53	30	12	544
C. once a month	12	0	0	1	33	1	33	1	33	531	12	0	33	33	33	531	11	4	47	34	15	542
D. never or almost never	12	1	33	1	33	1	33	0	0	549	12	33	33	33	0	549	15	4	50	30	16	542
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards  
N = Number